

HYDROLOGIC CURVE NUMBER COMPUTATION SHEET

_____ LAND USE FOR RURAL AREAS
Present or Future

Watershed _____ Site _____

Computed by _____ Date _____ Checked by _____ Date _____

Land Use	Practice	Hydrologic Condition Or Rotation	Acres Per Practice	Curve Numbers Moisture Cond. II				Product
				A Soils	B Soils	C Soils	D Soils	
Fallow	Straight Row			77	86	91	94	
Row Crops	Straight Row	Poor		72	81	88	91	
	Straight Row	Good		67	78	85	89	
	*Contoured	Poor		70	79	84	88	
	*Contoured	Good		65	75	82	86	
	**C and T	Poor		66	74	80	82	
	**C and T	Good		62	71	78	81	
Small Grain	Straight Row	Poor		65	76	84	88	
	Straight Row	Good		63	75	83	87	
	*Contoured	Poor		63	74	82	85	
	*Contoured	Good		61	73	81	84	
	**C and T	Poor		61	72	79	82	
	**C and T	Good		59	70	78	81	
Legumes Or Rotation Meadow	Straight Row	Poor		66	77	85	89	
	Straight Row	Good		58	72	81	85	
	*Contoured	Poor		64	75	83	85	
	*Contoured	Good		55	69	78	83	
	**C and T	Poor		63	73	80	83	
	**C and T	Good		51	67	76	80	
Pasture		Poor		68	79	86	89	
		Fair		49	69	79	84	
		Good		39	61	74	80	
Meadow (Permanent)		Good		30	58	71	78	
Woods (Farm)		Poor		45	66	77	83	
		Fair		36	60	73	79	
		Good		25	55	70	77	
Farmsteads		--		59	74	82	86	
***Roads	Dirt	--		72	82	87	89	
	Gravel			73	83	89	91	
	Hard Surface	--		74	84	90	92	

Total Acres _____ Product Total _____

Weighted Runoff Curve No. = $\frac{\text{Product Total}}{\text{Total Acres}}$ = _____

* Includes level terraced areas
** Contoured and graded terraces
***Includes right-of-way

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LAND USE DESCRIPTION	Acres Per Practice	Curve Numbers Moisture Cond. II				Product
		A Soils	B Soils	C Soils	D Soils	
DEVELOPMENT UNDER WAY – NO VEGETATION ESTABLISHED						
Newly Graded Area		81	89	93	95	
Pavement and Roofs – Commercial And Business Areas		98	98	98	98	
Row Houses, Town Houses, and Residential with Lot Sizes 1/8 Acre or Less		93	96	97	98	
Residential Lot sizes of ¼ acre		88	93	95	97	
Lot sizes of ½ acre		85	91	94	96	
Lot sizes of 1 acre		82	90	93	95	
Lot sizes of 2 acres		81	89	92	94	
DEVELOPMENT COMPLETED AND VEGETATION ESTABLISHED						
Lawns, Parks, Golf Courses, Cemeteries, etc.		39	61	74	80	
Pavement and Roofs – Commercial and Business Areas		98	98	98	98	
Row Houses, Town Houses, and Residential with Lot Sizes 1/8 Acre or Less		77	85	90	92	
Residential Lot sizes of ¼ acre		61	75	83	87	
Lot sizes of ½ acre		54	70	80	85	
Lot sizes of 1 acre		51	68	79	84	
Lot sizes of 2 acres		47	66	77	82	
Streets and Roads Paved with Curbs and Storm Sewers		98	98	98	98	
Gravel		76	85	89	91	
Dirt		72	82	87	89	

Total Acres _____

Product Total _____

Weighted Runoff Curve No. = $\frac{\text{Product Total}}{\text{Total Acres}}$ = _____